

Based upon the submission of the modified sheets of claims, Applicants respectfully request examination on the merits of the application containing pages of description 1 - 7 and 1 sheet of drawings as originally submitted and replacement claims 2 - 16 submitted September 5, 2001 and replacement claim 1 submitted November 13, 2001 (in place of originally filed claims 1 - 22).

Additionally, prior to the examination of the above-identified application including replacement claims 1 - 16, amendment of specification and claims as follows:

IN THE SPECIFICATION

Please amend the paragraphs as follows (Marked-up copies of the amended paragraphs are attached as an Appendix):

Please replace paragraph [0002] with the following amended paragraph:

[0002] In x-ray production, metallic anode material is usually irradiated with electrons. The radiation caused by characteristic electronic transitions exits the apparatus through a window transparent for x-rays. In order to avoid absorption, X-ray production results here at low gas pressures. The transparent window serves to separate the low pressure area from the outside area.

Please replace paragraph [0010] with the following amended paragraph:

[0010] However, it has been possible to prove with experiments that these disadvantages could be overcompensated by a diamond substrate. Contrary to expectations, it is possible